

Fig. 1 (prior art)

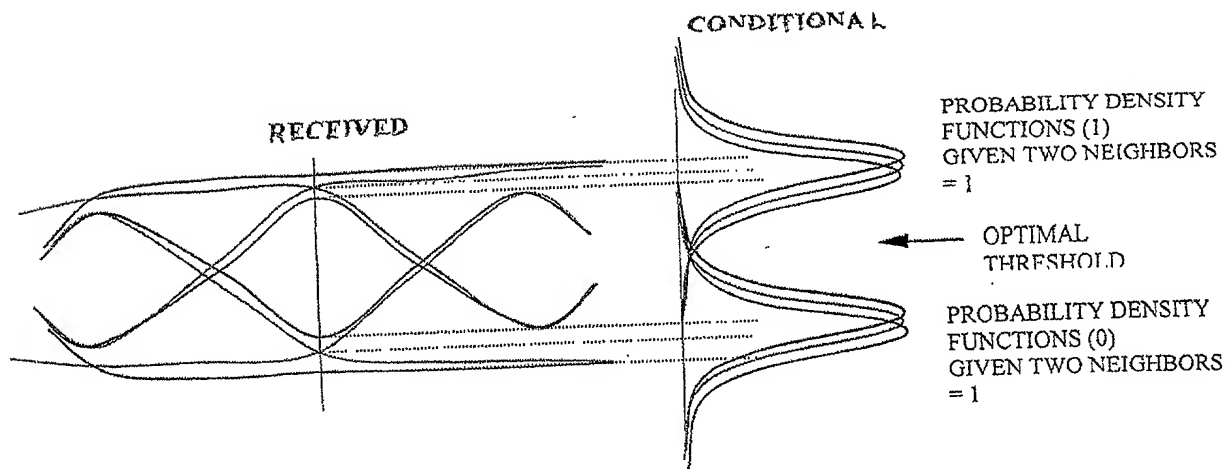


Fig. 2 (prior art)

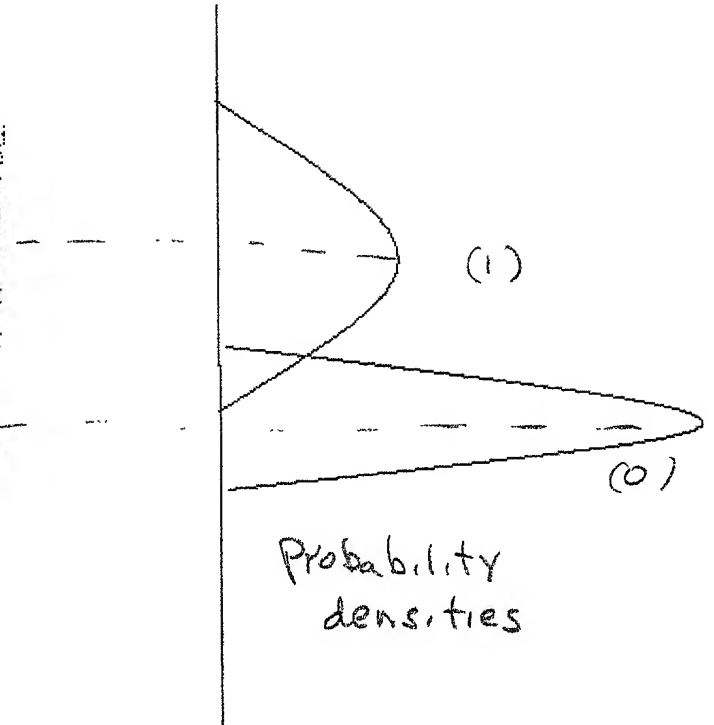


Fig. 3 (prior art)

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100

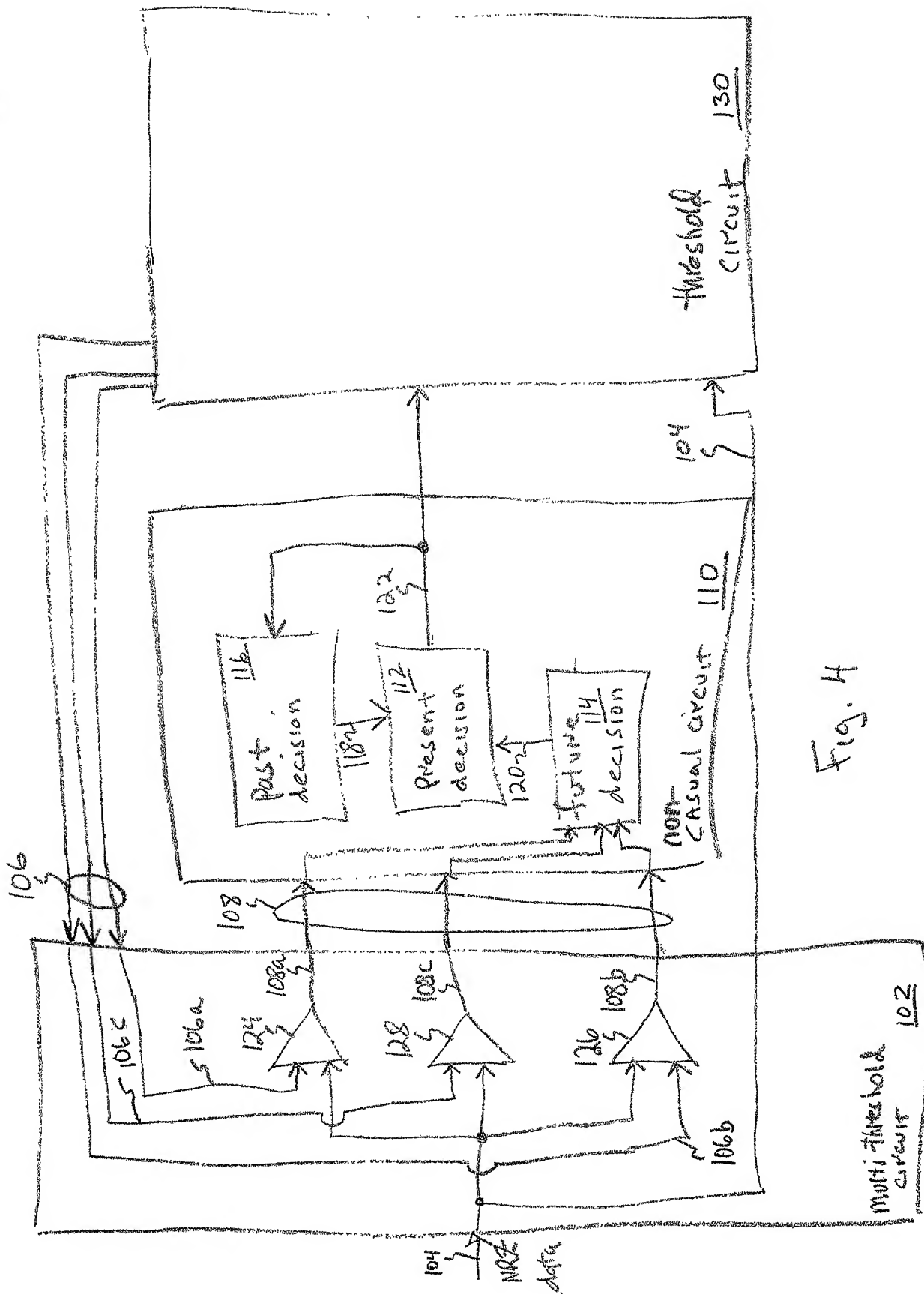


Fig. 4

NRZ data stream
inputs

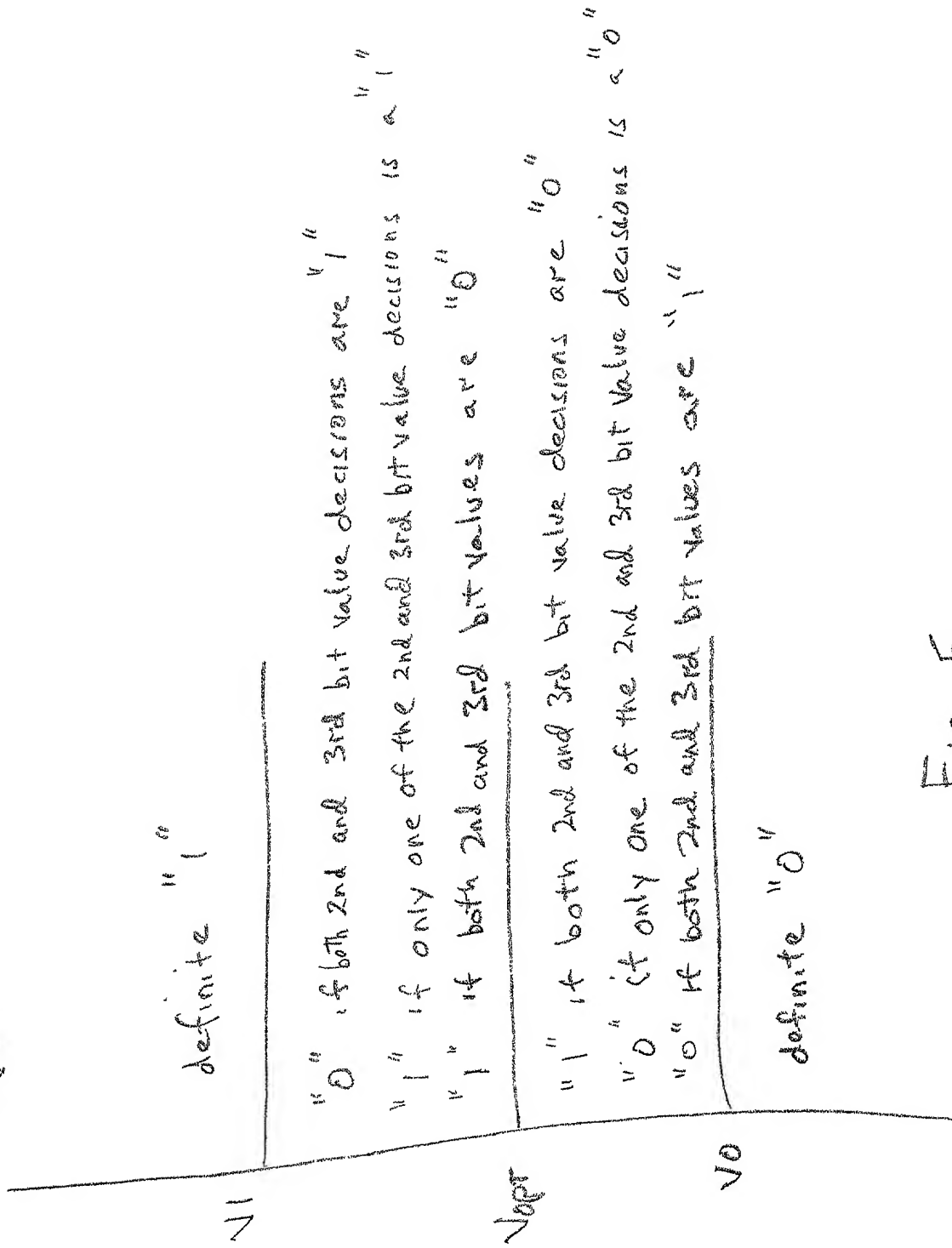


Fig. 5

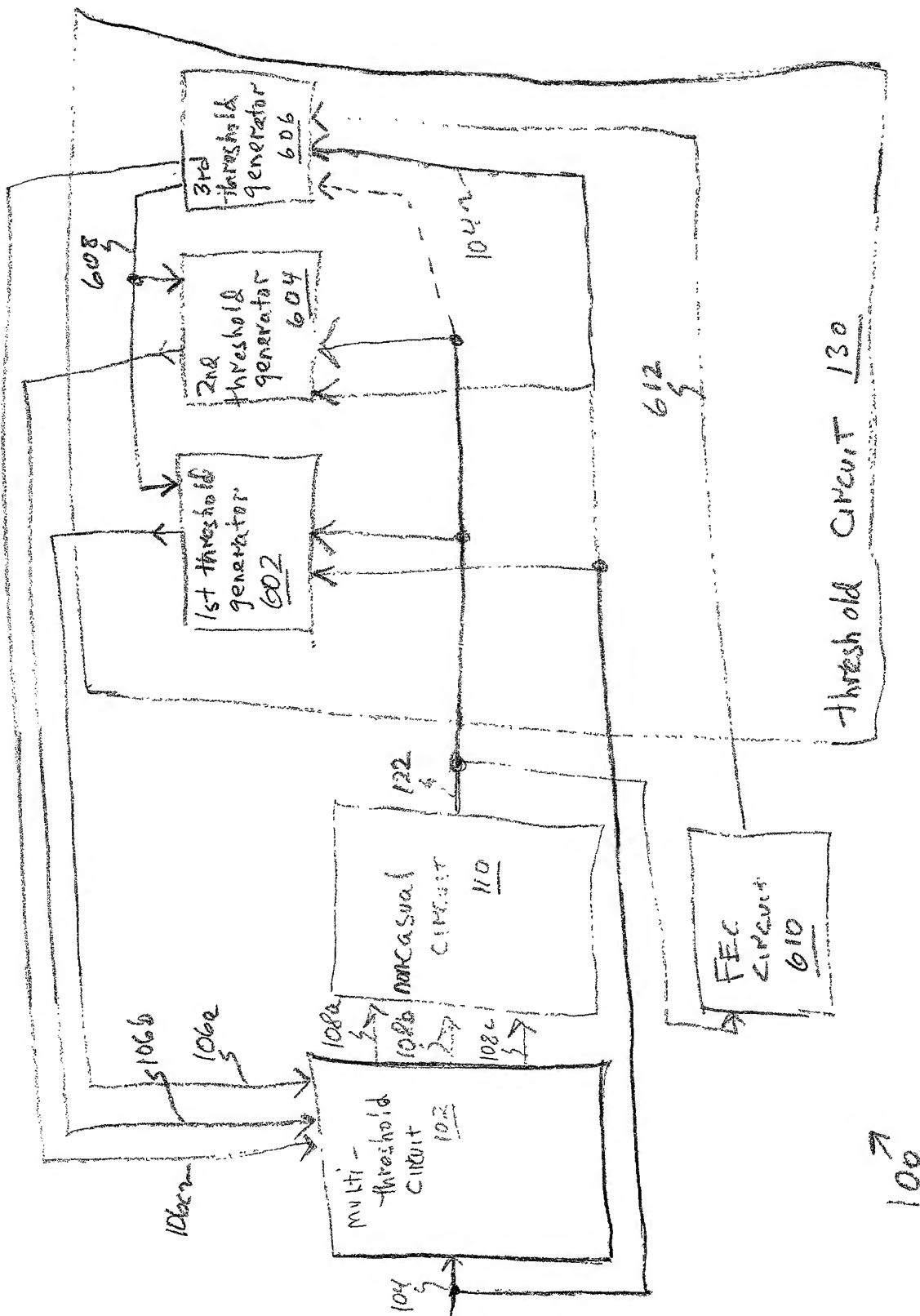
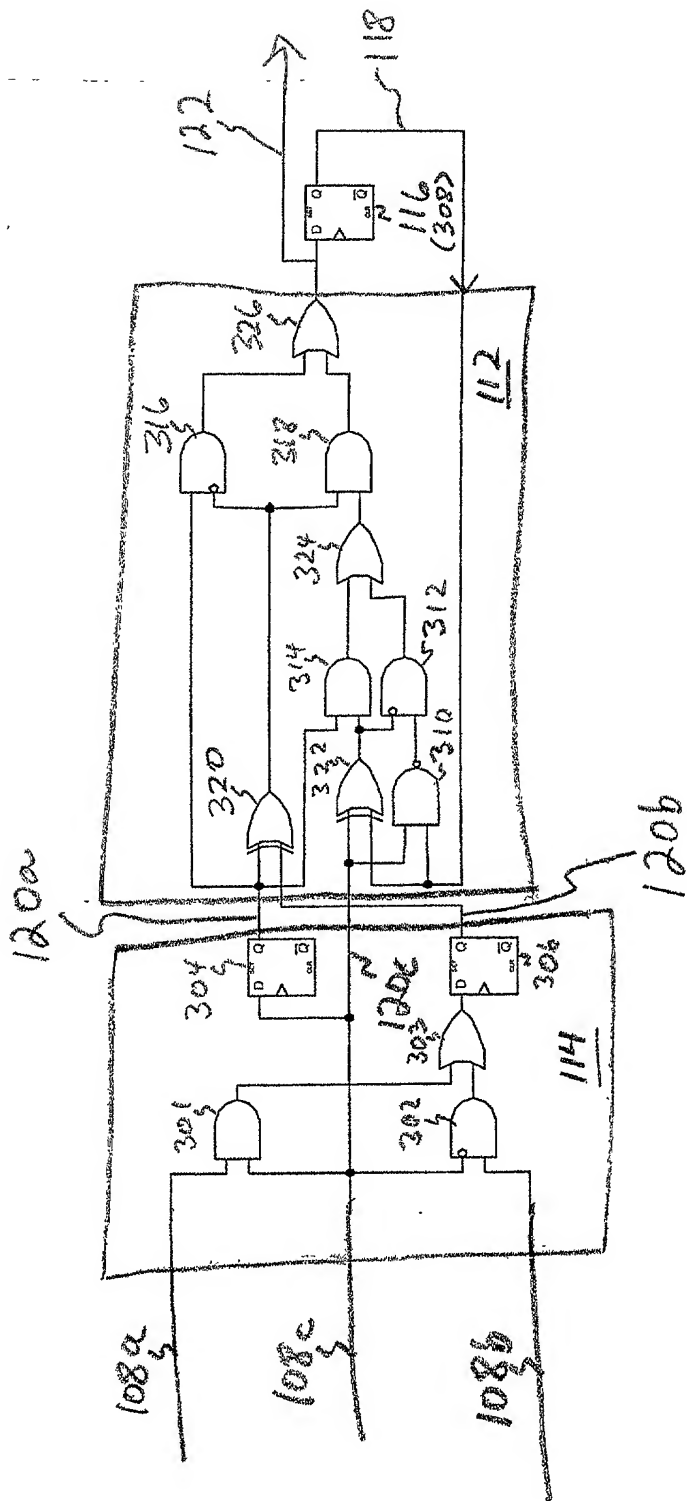


Fig. 6

110
↓
Fig. 7a



204020-9999001

| First BIT Estimate | | 2nd bit Value | 3rd bit Value | 1st bit Value |
|--------------------------|------|---------------------|---------------------|---------------------|
| 112120a | 120b | | | |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 1 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 |
| 0 | 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 0 |
| 0 | 1 | 1 | 1 | 0 |
| 1 | 0 | 0 | 0 | 1 |
| 1 | 0 | 0 | 1 | 1 |
| 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 1 | 0 |
| 1 | 1 | 0 | 0 | 1 |
| 1 | 1 | 0 | 1 | 1 |
| 1 | 1 | 1 | 0 | 1 |
| 1 | 1 | 1 | 1 | 1 |

Fig. 7b

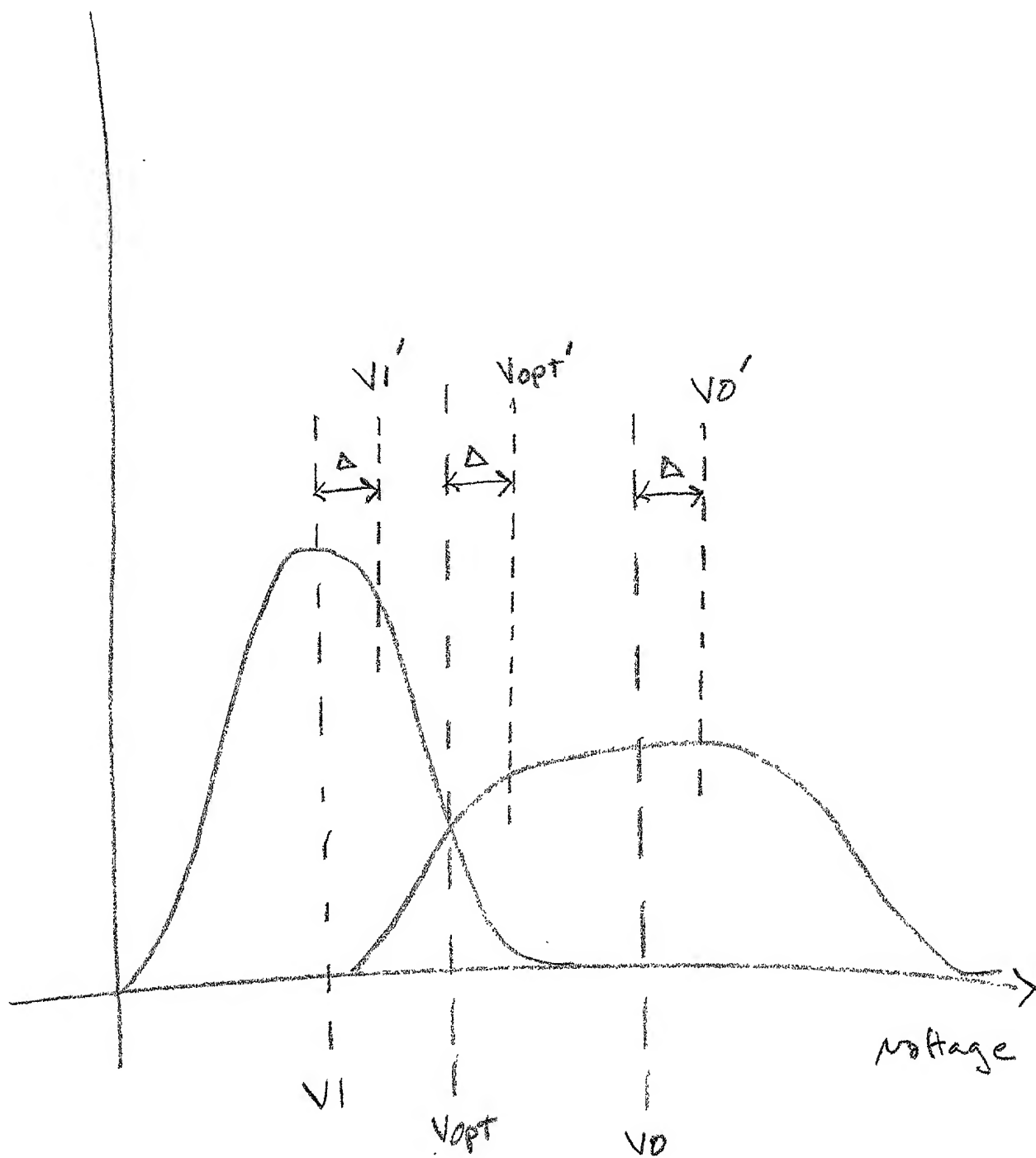
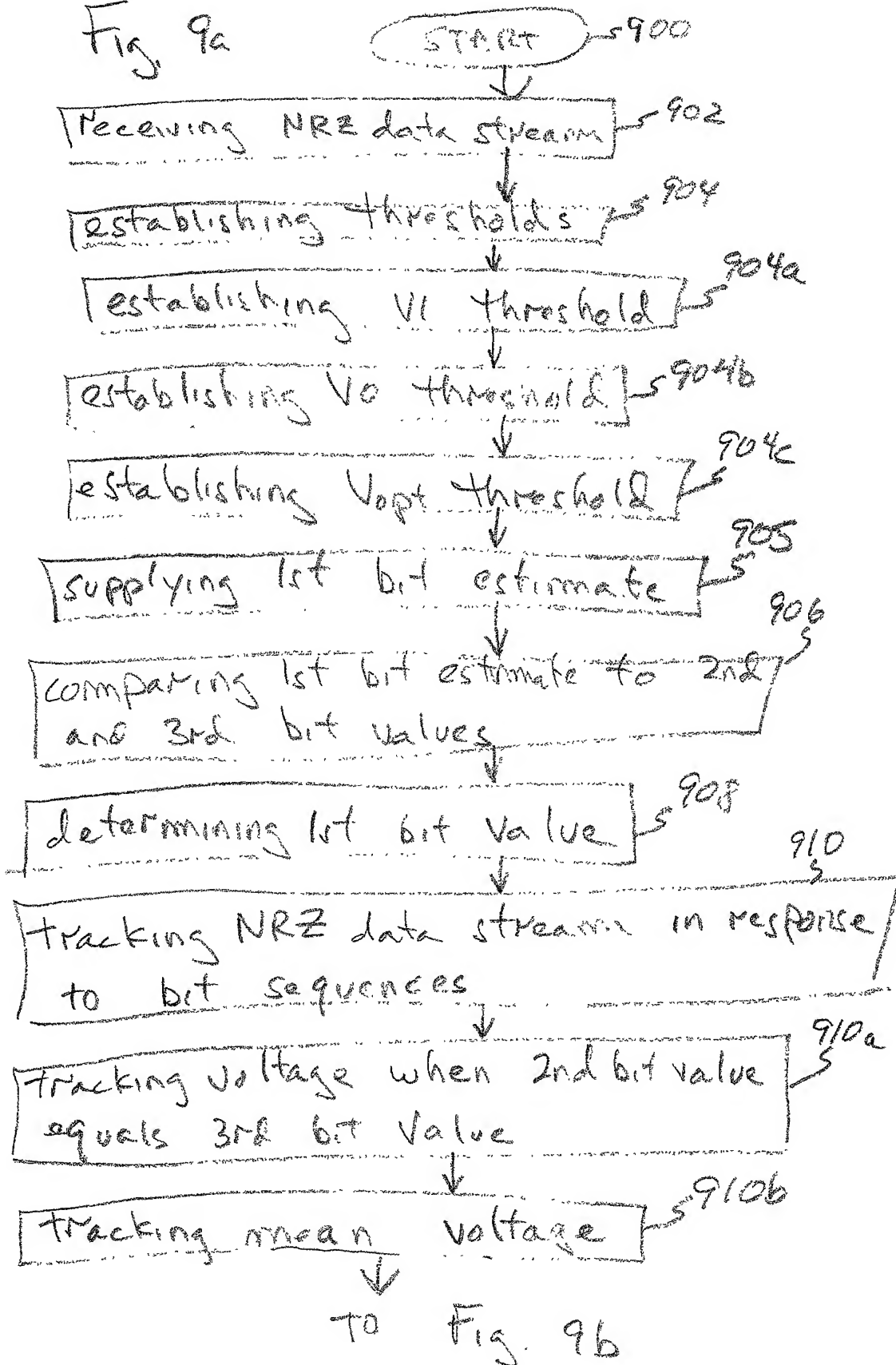


Fig. 8

Fig. 9a



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